# Form 1449 (Modified)

**Information Disclosure Statement By Applicant** 

(Use Several Sheets if Necessary)

Atty Docket No. ARC-14231-2 Applicant: ROBERT W. MAH .S.S.N. 09/652,302

Filing Date: August 28, 2000 Group: not assigned

### **U.S. Patent Documents**

| Examiner Initial | No. | Patent No. | Date | Patentee | Class | Sub-<br>class | Filing<br>Date |
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Foreign Patent or Published Foreign Patent Application

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| Initial  | No. | No.      | Date        | Patent Office | Class | class | Yes    | No    |
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### **Other Documents**

| Examiner<br>Initial | No.                 | Author, Title, Date, Place (e.g. Jou  | urnal) of Publication   |  |  |  |
|---------------------|---------------------|---|---|--|--|--|
| $\mathcal{D}_{0}$   |                     | J. Mourant et al, "Spectrographic I   | Mourant et al, "Spectrographic Diagnosis of Bladder Cancer With Elastic Light Scattering", Lasers in Surgery and Medicine, vol. 17 (1995) pp. 350-357 |  |  |  |
|                     |                     |   |   |  |  |  |
| SIM                 | S                   | H. Liu et al, "Investigation of Optical Reflectance from Human Brain in vivo Guiding Brain Surgery," citation and date of publ. unknown (three pages) |   |  |  |  |
|                     |                     |   |   |  |  |  |
| - 0                 | T                   |   | d Flow, Oxygenation, Tissue pH, and   |  |  |  |
| zym                 |                     | Bioenergetic Status of Human Breast Cancer," Oxygen Transport to Tissue, Plenum Press, NY, vol. 18 (1997) pp. 143-154                                 |   |  |  |  |
| Examiner            | $\overline{\wedge}$ | -1 gme . l.   | Date Considered   |  |  |  |
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Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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| Examiner Initial | No. | Patent No. | Date | Patentee | Class | Sub-<br>class | Filing<br>Date |
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### **Other Documents**

|   |     | <u> </u>   |  |  |  |  |
|---|-----|--|--|--|--|--|
| Examiner<br>Initial                               | No. | Author, Title, Date, Place (e.g. Journal) of Publication   |  |  |  |  |
| Sym   | R   | . Vaupel et al "Blood Flow, Oxygen and Nutrient Supply, and Metabolic Microenvironment of Human Tumors: A Review", Cancer Research, vol. 49 (1989) pp. 6449-6465       |  |  |  |  |
| DJM   | S   | A.J. Surowiec, et al., "Dielectric Properties of Breast Carcinoma and the Surrounding Tissues," I.E.E.E. Trans. on Biomedical Engineering., vol. 35 (1988) pp. 257-263 |  |  |  |  |
| Dyn   | T   | B. Kosko and S. Isaka, "Fuzzy Logic", Scientific American, July 1993, pp. 76-81  |  |  |  |  |
| Examiner David Mr. Evorky Date Considered 1/24/02 |     |  |  |  |  |  |

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| Examiner Initial | No. | Patent No.      | Date | Patentee | Class | Sub-<br>class | Filing<br>Date |
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Foreign Patent or Published Foreign Patent Application

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### **Other Documents**

| Examiner Initial | No.  | Author, Title, Date, Place (e.g. Journal) of Publication   |
|------------------|------|--|
| Dam              | R    | Neural Network Toolbox For Use With Matlab, The Math Works, Third Version, 1998, pp. 5-1 through 5-56 and pp. 6-1 through 6-19 |
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